

a hot press machine that forms a joined member by heating and pressing at least one catalyst substrate carrying a catalyst on one side of a transfer substrate and the solid polymer film pre-heated with the heater while the catalyst and the solid polymer film are in contact;

a cooling machine that cools the at least one catalyst carrier substrate before the catalyst comes into contact with the pre-heated solid polymer film; ~~and~~

a separating machine that separates the transfer substrate from the joined member and
a cooling machine that cools the joined member prior to separating the transfer substrate from the joined member.

2. (Previously amended) A device according to claim 1, wherein the hot press machine includes opposing pressing surfaces for pressing the joined member therebetween, and the pressing surface in contact with the catalyst carrier substrate is maintained at a temperature lower than a temperature of the pressing surface in contact with the solid polymer film.

3. (Original) A device according to claim 1, wherein the separating machine separates the transfer substrate at an angle of substantially 180 degrees with respect the integrated joined member.

4. (Cancelled).

5. (Original) A device according to claim 1, wherein the heater and the hot press machine are integrated.

6. (Original) A device according to claim 1, wherein the joined member is such that the catalyst is joined to both sides of the solid polymer film.

7. (Currently amended) A method for manufacturing a solid polymer film with a catalyst deposited thereon for a fuel cell made of a catalyst and a solid polymer film, comprising:

preheating said polymer film;

precooling a catalyst carrier surface of at least one catalyst carrier substrate carrying a catalyst on one side thereof;

contacting the catalyst carrier surface with the preheated solid polymer film;
forming a joined member by heating and pressing the catalyst carrier substrate and the solid polymer film; ~~and~~
separating the transfer substrate from the joined member; and
cooling the joined member prior to separating the transfer substrate from the joined member.

8. (Previously amended) A method according to claim 7, wherein in the forming a joined member step, the heating and pressing is performed by opposing pressing surfaces and the pressing surface in contact with the catalyst carrier substrate is maintained at a temperature lower than a temperature of the pressing surface in contact with the solid polymer film.

9. (Original) A method according to claim 7, wherein the angle between the transfer substrate and the solid polymer film becomes substantially 180 degrees at the separating step.

10. (Canceled).
